

Push-in T-connectors NEDU, general

Technical data

Push-in T-connector NEDU-M

- T-adapter
- Line branch for connecting and disconnecting fieldbus components
- Connected fieldbus components can be disconnected without interrupting signal transmission (to other components)



General technical data				
Type	NEDU-M12D5-M12T4	NEDU-M8D3-M12T4	NEDU-M8D3-M8T4	
Type of mounting	Screw-in			
Mounting position	Any			
Connection frequency	500	500	100	
Nominal operating voltage	[V AC]	250	60	32
	[V DC]	60	60	32
Acceptable current load	[A]	4	4	2
Protection class to EN 60529	IP65/67			
Electrical connection	To EN 60947-5-2			
Max. tightening torque	[Nm]	0.5	0.3 with M8 0.5 with M12	0.3

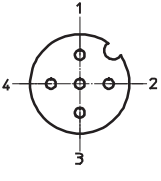
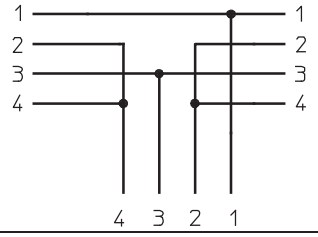
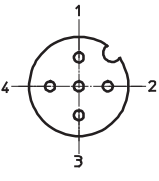
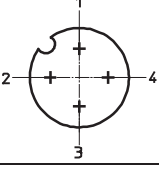
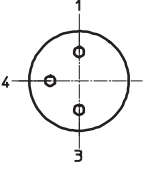
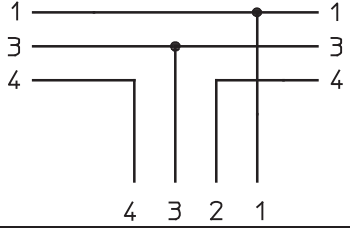
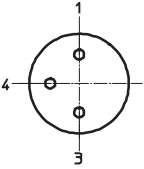
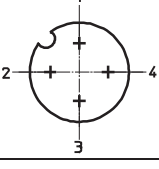
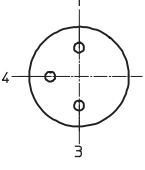
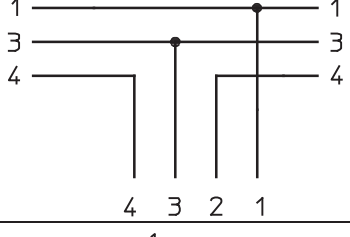
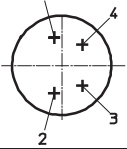
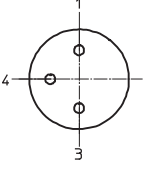
Materials			
Type	NEDU-M12D5-M12T4	NEDU-M8D3-M12T4	NEDU-M8D3-M8T4
Housing	Reinforced TPE-U(PU)		PA
Housing colour	Black		
Pin contacts	Gold-plated brass		
Union nut	Chrome-plated and nickel-plated brass		
Note on materials	Free of copper and PTFE		
Corrosion resistance class CRC ¹⁾	2		

1) Corrosion resistance class 2 according to Festo standard 940 070
Components subject to moderate corrosion stress. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

Operating and environmental conditions		
Ambient temperature	[°C]	-25 ... +85
Storage temperature	[°C]	-25 ... +85

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Circuitry (socket/plug view)		
NEDU-M12D5-M12T4		
Socket	Circuitry	Socket
	 	
		
NEDU-M8D3-M12T4		
Socket	Circuitry	Socket
	 	
		
NEDU-M8D3-M8T4		
Socket	Circuitry	Socket
	 	

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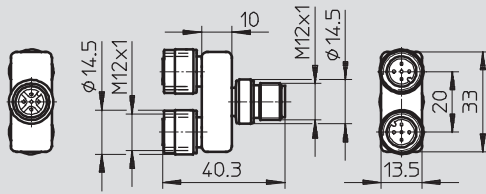
Technical data

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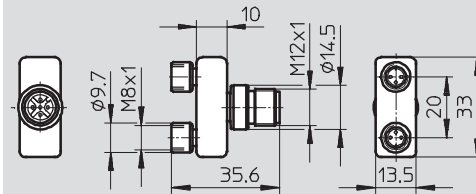
Dimensions

Download CAD data → www.festo.com

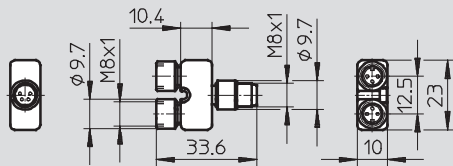
NEDU-M12D5-M12T4



NEDU-M8D3-M12T4



NEDU-M8D3-M8T4



Ordering data

Electrical connection	Product weight [g]	Part No.	Type
Plugs/sockets, 4-pin/4-pin, M12x1/M12x1, A-coded	25.5	541596	NEDU-M12D5-M12T4
Plugs/sockets, 4-pin/3-pin, M12x1/M8x1	16.9	541597	NEDU-M8D3-M12T4
Plugs/sockets, 4-pin/3-pin, M8x1/M8x1	9.5	544391	NEDU-M8D3-M8T4